

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L32	441	"6,424", "331".PN.	USPAT	OR	OFF	2008/01/26 11:55
L33	1	"6424331".PN.	USPAT	OR	OFF	2008/01/26 11:56
L34	0	"6424331".PN. AND driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1 and respective\$6 and second same (sub same frame) same period\$1 and response\$6 same period\$1 and liquid same crystal and (signal\$6 same voltage\$1 and calculat\$6) and pixel\$1 and long\$6 and short\$6 and second same sub same frame\$6 same period\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 11:56
L35	0	("2005/0030258").URPN.	USPAT	OR	OFF	2008/01/26 11:57
L36	0	("2002/0158568").URPN.	USPAT	OR	OFF	2008/01/26 11:57
L37	0	("2004/0135756").URPN.	USPAT	OR	OFF	2008/01/26 11:58
L38	0	("2003/0006954").URPN.	USPAT	OR	OFF	2008/01/26 11:58
L39	4	("4325055"   "5107266"   "5696509"   "5923275").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 11:59
L40	0	("4325055"   "5107266"   "5696509"   "5923275").PN. AND driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1 and respective\$6 and second same (sub same frame) same period\$1 and response\$6 same period\$1 and liquid same crystal and (signal\$6 same voltage\$1 and calculat\$6) and pixel\$1 and long\$6 and short\$6 and second same sub same frame\$6 same period\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 11:59
L41	4	("4325055"   "5107266"   "5696509"   "5923275").PN.	US-PGPUB; USPAT; USOCR	CR	OFF	2008/01/26 11:59
L42	14	("6424331").URPN.	USPAT	OR	OFF	2008/01/26 12:00

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L43	0	("6424331").URPN. AND driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1 and respective\$6 and second same (sub same frame) same period\$1 and response\$6 same period\$1 and liquid same crystal and (signal\$6 same voltage\$1 and calculat\$6) and pixel\$1 and long\$6 and short\$6 and second same sub same frame\$6 same period\$1	USPAT	OR	OFF	2008/01/26 12:01
L44	0	("6424331").URPN. AND driv\$6 same liquid same crystal same display\$6 same pixel\$1 and signal\$6 same voltage\$1 and appli\$6 and pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1 and respective\$6 and second same (sub same frame) same period\$1 and response\$6 same period\$1 and liquid same crystal and (signal\$6 same voltage\$1 and calculat\$6) and pixel\$1 and long\$6 and short\$6 and second same sub same frame\$6 same period\$1	USPAT	OR	OFF	2008/01/26 12:01
L45	1	"20030043093"	USPAT	OR	OFF	2008/01/26 12:02
L46	0	"20030043093" and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and period\$1 same long\$6	USPAT	OR	OFF	2008/01/26 12:11
L47	6	("5172108"   "5196834"   "5627557"   "5627560"   "6075506"   "6144353"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:03
L48	1	("5172108"   "5196834"   "5627557"   "5627560"   "6075506"   "6144353"). PN. and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and period\$1 same long\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:08
L49	0	("5172108"   "5196834"   "5627557"   "5627560"   "6075506"   "6144353"). PN. and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and RESPONSE\$6 SAME period\$1 same long\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:09

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L50	1	("5172108"   "5196834"   "5627557"   "5627560"   "6075506"   "6144353"). PN. and RESPONS\$6 SAME period\$1 same long\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:09
L51	0	("5172108"   "5196834"   "5627557"   "5627560"   "6075506"   "6144353"). PN. and RESPONS\$6 SAME period\$1 same long\$6 SAME SHORT\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:10
L52	3	"20030043093"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 12:10
L53	1	"6522319".PN.	USPAT	OR	OFF	2008/01/26 12:11
L54	2	"6522319".PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 12:11
L55	0	"20030043093" and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and period\$1 same long\$6 SAME SHORT\$6	USPAT	OR	OFF	2008/01/26 12:11
L56	1	"6522319".PN. and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and period\$1 same long\$6 SAME SHORT\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 12:12
L57	0	"6522319".PN. and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and respons\$6 same period\$1 same long\$6 SAME SHORT\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 12:12
L58	4	("4378557"   "4845473"   "5805121"   "5867140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:13
L59	0	("4378557"   "4845473"   "5805121"   "5867140").PN. and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and period\$1 same long\$6 SAME SHORT\$6 same respon\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:13

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L60	4	("4378557"   "4845473"   "5805121"   "5867140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:14
L61	0	("4378557"   "4845473"   "5805121"   "5867140").PN. and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and period\$1 same long\$6 SAME SHORT\$6 same respon\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/26 12:14
L62	25	("6522319").URPN.	USPAT	OR	OFF	2008/01/26 12:14
L63	1	("6522319").URPN. and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and period\$1 same long\$6 SAME SHORT\$6 same respon\$6	USPAT	OR	OFF	2008/01/26 12:15

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7433523	driv\$6 same liquid same crystal same display\$6 a "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1	USPAT	OR	OFF	2008/01/26 10:00
L2	17	driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1	USPAT	OR	OFF	2008/01/26 10:01
L3	55	driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:01
L4	17	driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1 and respective\$6 and second same (sub same frame) same period\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:06
L5	1	driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1 and respective\$6 and second same (sub same frame) same period\$1 and response\$6 same period\$1 and liquid same crystal and signal\$6 same voltage\$1 same calculat\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:15
L6	1	"7233342".pn. and liquid same crystal	USPAT	OR	OFF	2008/01/26 10:20

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L7	1	driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1 and respective\$6 and second same (sub same frame) same period\$1 and response\$6 same period\$1 and liquid same crystal and signal\$6 same voltage\$1 same calculat\$6 and pixel\$1 same long\$6 same short\$6 and second same sub same frame\$6 same period\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:29
L8	5	driv\$6 same liquid same crystal same display\$6 same "n" same pixel\$1 and "n" same signal\$6 same voltage\$1 and appli\$6 and "n" same pixel\$1 same electrode\$1 and (sub same frame\$6) and period\$1 and signal\$5 same voltage\$1 and pixel\$1 same electrode\$1 and respective\$6 and second same (sub same frame) same period\$1 and response\$6 same period\$1 and liquid same crystal and (signal\$6 same voltage\$1 and calculat\$6) and pixel\$1 and long\$6 and short\$6 and second same sub same frame\$6 same period\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:19
L9	0	"7233342".pn. and liquid same crystal and calculate\$6	USPAT	OR	OFF	2008/01/26 10:21
L10	1	"7233342".pn. and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7)	USPAT	OR	OFF	2008/01/26 10:21
L11	1	"7233342".pn. and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1	USPAT	OR	OFF	2008/01/26 10:22
L12	0	"7233342".pn. and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1 and long\$6	USPAT	OR	OFF	2008/01/26 10:22
L13	0	"7233342".pn. and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1 and short\$6	USPAT	OR	OFF	2008/01/26 10:22
L14	1	"7233342".pn. and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1	USPAT	OR	OFF	2008/01/26 10:26

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L15	0	"7233342".pn. and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1 same length\$6	USPAT	OR	OFF	2008/01/26 10:26
L16	1	"7233342".pn. and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1 and length\$6	USPAT	OR	OFF	2008/01/26 10:27
L17	1	"7233342".pn. and period\$1 and length\$6	USPAT	OR	OFF	2008/01/26 10:28
L18	0	"7233342".pn. and period\$1 same (variable or different)	USPAT	OR	OFF	2008/01/26 10:28
L19	21	Satake same Rumo	USPAT	OR	OFF	2008/01/26 10:34
L20	1	Satake same Rumo and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1 same length\$6	USPAT	OR	OFF	2008/01/26 10:31
L21	1	Satake same Rumo and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1 same length\$6 and pixel\$1	USPAT	OR	OFF	2008/01/26 10:31
L22	3	Satake same Rumo and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1 same length\$6 and pixel\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:31
L23	3	Satake same Rumo and liquid same crystal and (calculate\$6 or comput\$6 or manipulats\$6 or determin\$7) and period\$1 same length\$6 and pixel\$1 and liquid same crystal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:31
L24	85	Satake same Rumo.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:34
L25	0	Satake same Rumo and liquid same crystal same dispaly\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:34

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L26	67	Satake same Rumo and liquid same crystal same display\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:35
L27	61	Satake same Rumo and liquid same crystal same display\$6 and pixel\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:35
L28	59	Satake same Rumo and liquid same crystal same display\$6 and pixel\$1 same electrode\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:35
L29	23	Satake same Rumo and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:35
L30	10	Satake same Rumo and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:35
L31	2	Satake same Rumo and liquid same crystal same display\$6 and pixel\$1 same electrode\$1 same voltage\$1 same apply\$6 and period\$1 same long\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/26 10:36